

Recombinant Human RGS10 protein ab109947

1 图像

描述	
产品名称	重组人RGS10蛋白
纯度	> 90 % SDS-PAGE. ab109947 was purified by using anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.
表达系统	Escherichia coli
Accession	<u>O43665</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MGS HMFNRAVSRLSRKRPPSDIHDSGSSSSSHQSLKSTAKWAASL ENLLEDPE GVKRFREFLKKEFSEENVLFWLACEDFKKMQDKTQMKEKAKE IYMTFLSS KASSQVNVEGQSRLNEKILEEPHPLMFQKLQDQIFNLMKYDS YSRFLKSD LFLKHKRTEEEEEEDLPDAQTAAKRASRIYNT
预测分子量	24 kDa including tags
氨基酸	1 to 181
标签	His tag N-Terminus

技术指标	
Our Abpromise guarantee covers the use of ab109947 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
制备和贮存	

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.058% Sodium chloride

常规信息

功能

Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. Associates specifically with the activated forms of the G protein subunits G(i)-alpha and G(z)-alpha but fails to interact with the structurally and functionally distinct G(s)-alpha subunit. Activity on G(z)-alpha is inhibited by palmitoylation of the G-protein.

序列相似性

Contains 1 RGS domain.

翻译后修饰

Isoform 3 is phosphorylated on Ser-16.

图片



ab109947 at 3 ug on an SDS-PAGE gel (15%)

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